

AUG 17 2000

510(k) Summary of Safety and Effectiveness – K001588

ArthroCare, Corporation

ArthroCare® System 2000

General Information

Manufacturer:

ArthroCare, Corporation
595 North Pastoria Avenue
Sunnyvale, CA 94086-2916

Establishment Registration Number:

2951580

Contact Person:

Bruce Prothro, Vice President Regulatory
Affairs and Quality Assurance

Date Prepared:

August 10, 2000

Device Description

Classification Name:

Electrosurgical Cutting and Coagulation
Device and Accessories (21 CFR 878.4400)

Trade Name:

ArthroCare® System 2000

Generic/Common Name:

Electrosurgical Device and Accessories

Predicate Devices

- ArthroCare Orthopedic Electrosurgery System K992581
- Coherent UltraPulse S Series CO2 Surgical Laser System K974789
- Ellman Surgitron IEC K980177
- Valleylab CUSA EXcel Ultrasonic Surgical Aspirator System K981262
- Valleylab Davis Bayonet Electrodes K964602
- Valleylab Force FX Generator K944602

Intended Use

The ArthroCare System 2000 is indicated for resection, ablation, and coagulation of soft tissue and hemostasis of blood vessels in orthopedic, arthroscopic, spinal, and neurosurgical procedures.

Product Description

The ArthroCare System 2000 is a bipolar, high frequency electrosurgical system. The System consists of three components: an electrosurgical generator called the Controller, the disposable, single use Wand, and the reusable Cable.

Substantial Equivalence

In establishing substantial equivalence to the predicate devices, ArthroCare evaluated the indications for use, materials, technology, product specifications and energy requirements of those systems. The expansion of the indications for use to include neurosurgical procedures does not raise any new issues of safety or efficacy.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

AUG 17 2000

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Mr. Bruce Prothro
Vice President, Regulatory Affairs
and Quality Assurance
ArthroCare Corporation
595 North Pastoria Avenue
Sunnyvale, California 94086

Re: K001588
Trade Name: ArthroCare® System 2000
Regulatory Class: II
Product Code: GXI, HRX, GEI
Dated: May 22, 2000
Received: May 23, 2000

Dear Mr. Prothro:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the current Good Manufacturing Practice requirement, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic (QS) inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

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This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4595. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsmamain.html>".

Sincerely yours,

Danne R. Vochner

CMW

Celia M. Witten, Ph.D., M.D.

Director

Division of General, Restorative
and Neurological Devices

Office of Device Evaluation

Center for Devices and
Radiological Health

Enclosure

Indications Statement

Device Name: ArthroCare® System 2000
510(k) Number: K001588

Indications for use:

The ArthroCare® System 2000 is indicated for resection, ablation, and coagulation of soft tissue and hemostasis of blood vessels in orthopedic, arthroscopic, spinal, and neurosurgical procedures.

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Donna R. Vochner
(Division Sign-Off)
Division of General Restorative Devices
510(k) Number K001588

Prescription Use

X

OR

Over-the-Counter
Use

(Per 21 CFR
801.109)